Amendment to the Claims:

Please amend the claims as shown in the following listing of claims:

Claims 1-26 (canceled)

27. (withdrawn - currently amended) A method of preparing a sialyl Lewis x determinant, the method comprising contacting a ~~truncated~~ recombinant murine Fuc-TVII enzyme with a GDP-fucose donor substrate and a sialyl-N-acetyl-lactosamine acceptor substrate in an enzyme bioreactor under conditions that allow the addition of an α1,3 linked fucose to the sialyl-N-acetyl-lactosamine acceptor substrate, wherein the ~~truncated~~ recombinant murine Fuc-TVII enzyme comprises a catalytic domain that is encoded by a nucleic acid sequence segment that is identical to a polynucleotide that is amplified using murine mRNA or cDNA as a template by a 5' primer as shown in SEQ ID NO:3 and a 3' primer as shown in SEQ ID NO:4.
28. (withdrawn) The method of claim 27, wherein the Fuc-TVII enzyme is in solution.
29. (withdrawn) The method of claim 27, wherein the Fuc-TVII enzyme is immobilized on a solid phase matrix.
30. (withdrawn) The method of claim 27, wherein the Fuc-TVII enzyme is a recombinant enzyme.
31. (withdrawn) The method of claim 20, wherein the Fuc-TVII enzyme is produced in a mammalian host cell.
32. (withdrawn) The method of claim 20, wherein the Fuc-TVII enzyme is produced in a baculovirus host.
33. (withdrawn) The method of claim 27, wherein the sialyl-N-acetyl-lactosamine acceptor is on a glycoprotein.
34. (withdrawn) The method of claim 27, wherein the sialyl-N-acetyl-lactosamine acceptor is on a glycolipid.
35. (withdrawn) The method of claim 27, wherein the sialyl-N-acetyl-lactosamine acceptor is a free oligosaccharide.

36. (canceled)

37. (currently amended) A ~~truncated~~ recombinant murine Fuc-TVII enzyme comprising a catalytic domain that is encoded by a nucleic acid sequence segment that is identical to a polynucleotide that is amplified using murine mRNA or cDNA as a template by a 5' primer as shown in SEQ ID NO:3 and a 3' primer as shown in SEQ ID NO:4.

38. (currently amended) The recombinant murine Fuc-TVII enzyme of claim 37, wherein the catalytic domain is encoded by a nucleic acid segment consisting of residue 2194 to residue 3085 of SEQ ID NO:1.